

MH2GJ0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51715

MA No. : SDG No.: MH2GH8

Matrix : Soil

Analytical Method: ICP-MS

% Solids: 100

Concentration Units (µg/L, mg/L or mg/kg dry weight): mg/kg

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	9.1	1.3	7.9	98	
Arsenic	75 - 125	5.8	2.5	3.2	103	
Barium	75 - 125	260	91	160	110	
Beryllium	75 - 125	4.7	0.13 J	4.0	116	
Cadmium	75 - 125	6.0	1.9	4.0	103	
Chromium	75 - 125	68	49	15.9	118	
Cobalt	75 - 125	45	1.6	39.7	109	
Copper	75 - 125	73	51	19.8	109	
Lead		120	120	1.6	194	
Manganese		230	180	39.7	121	
Nickel	75 - 125	63	18	39.7	113	
Selenium	75 - 125	8.8	0.79 J	7.9	101	
Silver	75 - 125	4.6	0.8	4.0	97	
Thallium	75 - 125	3.6	0.058 J	4.0	89	
Vanadium	75 - 125	50	7.2	39.7	107	
Zinc		340	290	39.7	129	